

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	continuation of 09/896,301
				Filing Date	
				First Named Inventor	Daniel J. Cosgrove
				Group Art Unit	1652
				Examiner Name	Saidha, T
<i>(Use as many sheets as necessary)</i>				Attorney Docket Number	P04666US8
Sheet	1	of	3		

Examiner Signature	T. Saidka	Date Considered	2/16/06
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
JSC	1	Bayer, E.A., et al., Current Opinion in Structural-Biology 8:548-557 (1998)			
	2	Broadwater, et al., "Zea m _l , the maize homolog of the allergen-encoding Lol pl gene of rye grass", Gene. 131:227-230 (1993)			
	3	Cleland, R.E., Planta 170:379-385 (1987)			
	4	Cosgrove, D.J. et al. "Group I allergens of grass pollen as cell wall-loosening agents", Proc. Natl. Acad. Sci. USA 94:6559-6564 (1997)			
	5	Cosgrove, et al., "Role of expansin in cell enlargement of oat coleoptiles", Plant Physiol. 103:1321-1328 (1993)			
	6	Cosgrove, "Characterization of long-term extension of isolated cell walls from growing cucumber hypocotyls", Planta vol. 177:121-130 (1989)			
	7	Crowell, "Cytokinin regulation of a soybean pollen allergen gene", Plant Mol. Bio. 25:829-835 (1994)			
	8	Deutscher, M.P., Academic Press 1990, Guide to Protein Purification, pp. 174-193			
	9	Esch, et al., "Identification and Localization of Allergenic Determinants on Grass Group I Antigens Using Monoclonal Antibodies", J. Imm. 142(1):179-184 (1989)			
	10	Fry, Stephen C., Current Biology 4(9):815-817 (1994)			
	11	Fry, Stephen C., Physiologia Plantarum, 75:532-536 (1989)			
	12	Griffith, et al., "Cloning and sequencing of Lol, pl, the major allergenic protein of rye-grass pollen", FEBS 09407, vol 279(2):210-215 (1991)			
	13	Heslop-Harrison, et al., "The pollen-stigma interaction in the grasses", Acta Bot. Neerl. 34(2):193-211 (1985)			
	14	Heslop-Harrison, et al., "The pollen-stigma interaction in the grasses", Acta Bot. Neerl. 33(1):81-99 (1984)			
	15	Knox, et al., "Environmental and molecular biology of pollen allergens", Trends in Plant Science, Vol 1(5) 156-164 (1996)			
	16	Knox, et al., "Pollen allergens: development and function", Sex Plant Report 9:318-323 (1996)			
	17	Li, Z-C et al., Planta 191:349-356 (1993)			
	18	McQueen-Mason et al., "Disruption of hydrogen bonding between plant cell wall polymers by proteins that induce wall extension", Proc. Natl. Acad. Sci. USA, 9:6574-6578 (1994)			
	19	McQueen-Mason et al., "Expansin Mode of Action on Cell Walls", Plant Physiol. 107:87-100 (1995)			
	20	McQueen-Mason et al., Planta 190:327-331 (1993)			
	21	McQueen-Mason et al., "Two endogenous proteins that induce cell wall extension in plants", The Plant Cell 4:1425-1433 (1992)			
	22	Merriam-Webster's Collegiate Dictionary, tenth ed., pp. 1236, 1027			
	23	Nishitani, K. and Tominaga R., J. Biol. Chem 267(29):21058-21064 (1992)			
	24	Patel, Praful, in "Biotechnology Applications and Research", eds., Cheremisinoff, P.N. and Ouellette, R.P. pp. 534-562, Technomic Publishing Company, Inc., Lancaster, PA, (1985)			
JSC	25	Perez, et al., "cDNA cloning and immunological characterization of the rye grass allergen Lol p I", J. of Biol. Chem., vol 265(27):16210-16215 (1990)			

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<i>DS</i>	26	Padian, "Immunoglobulin fold", Encyclopedia of Immunology, Academic Press, Harcourt Brace Jovahovich, Publishers, pp. 827-833				
	27	Scopes, R.K., Chapter 3, Protein Purification, Principles and Practice, 2 nd Ed., pp. 41-54, Springer-Verlag, New York (1987)				
	28 <i>V</i>	Shcherban, T.Y. et al., "Molecular cloning and sequence analysis of expansins -- a highly conserved, multigene family of proteins that mediate cell wall extension in plants", Proc. Nat. Acad. Sci USA 92:9245-9249 (1995)				
	29	Sinnott, Botany Principles and Problems, 2 nd Ed., fifth impression, McGraw-Hill Book Co., Inc., New York and London 1929, p. 417 "The Spermatophyta".				
	30	Smith, et al., "Molecular Characterization of Group I Allergens of Grass Pollen, Pollen Biol. Chapter 7, pp: 124-143				
	31	Staff, et al., "Cellular Localization of Water Soluble, Allergenic Proteins in Rye-Grass (Lolium perenne) Pollen using monoclonal and Specific IgE antibodies with immunogold probes", Histochemical J., Vol. 22:276-290 (1990)				
	32	Taiz, L. Proc. Natl. Acad. Sci. USA 91:7387-7389 (1994)				
	33	Taiz, L., Ann. Rev. Plant Physiol. 35:585-657 (1984)				
<i>DS</i>	34	Wu, et al., "Growth maintenance of the maize primary root at low water potentials involves increases in cell-wall extension properties, expansin activity, and wall susceptibility to expansins", Plant Physiol. 111:765-772 (1996)				

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